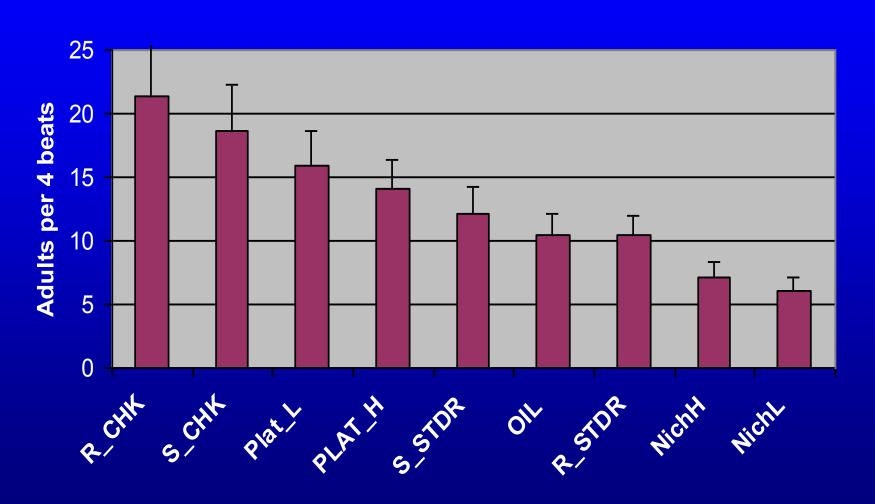
# Management of Silverleaf Whitefly and TYLCV with Biorational Insecticides and Resistant Varieties Phil Stansly UF-IFAS Immokalee



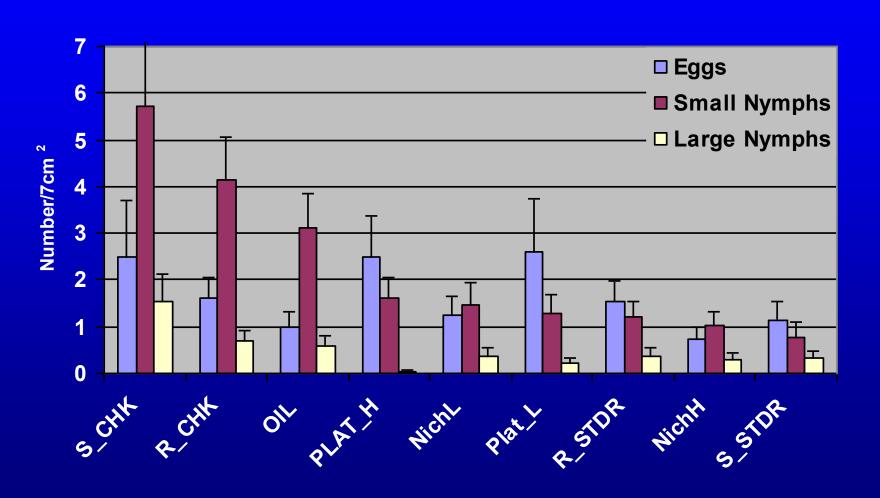
#### **Treatments and Spray Schedules**

Treatment	Variety	Product	Week													
			2	3	4	5	6	7	8	9	10	11	12	13	14	
R_CHK	Tygress	Check														
S_CHK	FL47	Check														
R_STDR	Tygress	Admire Pro 4.6 L	x													
		Oberon 2SC							x		X					
		Knack .86L										x	x			
S_STDR	FL47	Admire Pro 4.6L	x													
		Oberon 2SC							x		X					
		Knack .86L										x	x			
PLAT_H	FL47	Platinum 2SC	x													
		Oberon 2SC							x		X					
		Knack .86L										x	x			
		Courier 40SC														
NichL	FL47	Admire Pro 4.6L	x													
		Courier 40SC											x			
		NNI-0101							x		X			x		
NichH	FL47	Admire Pro 4.6L	X													
		Courier 40SC											x			
		NNI-0101							x		x			x		
OIL	FL47	Admire Pro 4.6L	X													
		JMS Stylet Oil			x		x	x	x	x	X	x	x	x	x	

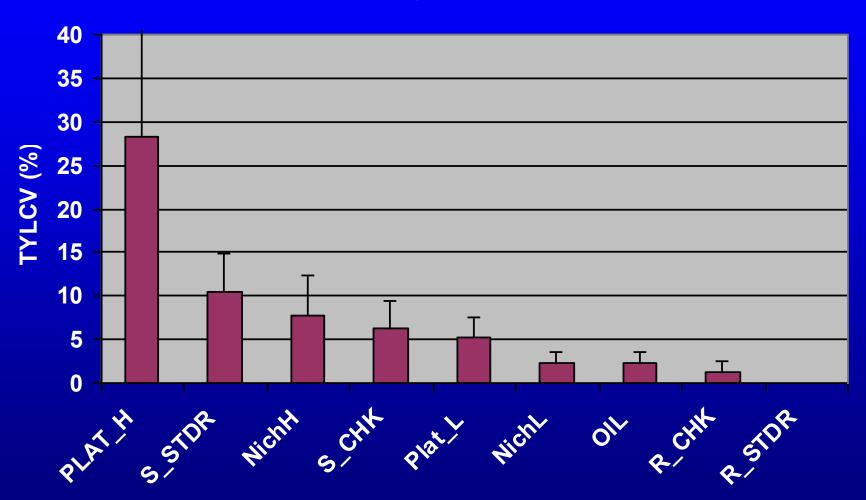
# **Average Adults**Over 11 Weekly Sample Dates



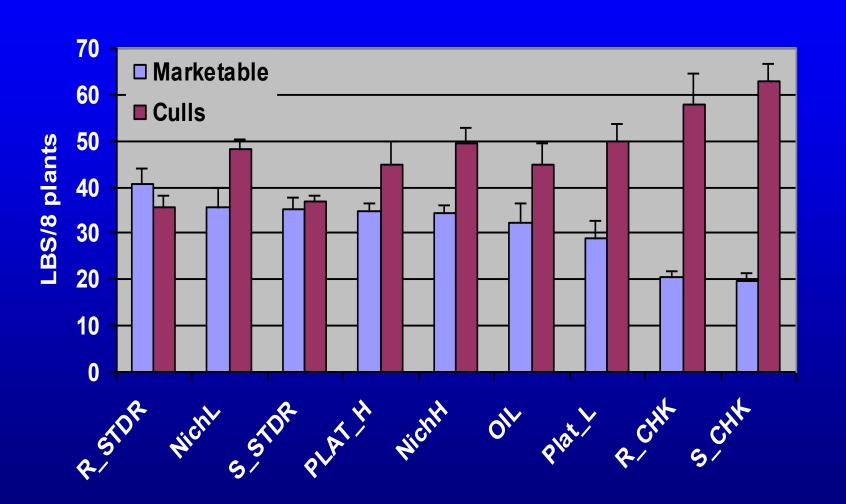
# **Average Immatures**Over 10 Weekly Sample Dates



## Incidence TYLCV 30 May 2006



### **Yield over 6 Harvests**



#### Conclusions

- Resistant Varieties did not show virus symptoms
  - Virus incidence was low and erratic but generally followed adult whitefly incidence
  - Low incidence of virus in oil plots
  - Nichino 0101 provided good control of adults
- Yield was best with grower standard on Tygress
- Yield loss correlated best with incidence of immature whitefly

### Acknowledgements

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